

## CLAIMS

1. A composition adapted for use as a sealing strip in the manufacture of insulating structures, comprising:
  - a polymeric base material;
  - a cross linking agent:
  - an adhesion promoter; and
  - less than 10% tackifier by weight.
2. The composition according to claim 1, wherein the cross linking agent is chosen from the group consisting of divalent metal oxides, divalent salts of organic fatty acids, organic fatty acids, zinc oxide, zinc stearate, stearic acid, zinc octoate, tin octoate and calcium stearate.
3. The composition according to claim 1, wherein the cross linking agent is zinc octoate.
4. The composition according to claim 1, wherein the adhesion promoter is chosen from the group consisting of organopolysiloxanes, organosilanes, organoaminosilanes, epoxysilanes, thiosilanes, organosilanols, alkoxysilanes, acetoxysilanes and ketoxysilanes.
5. The composition according to claim 1, wherein the adhesion promoter is chosen from the group consisting of vinyltriethoxy silane, methyltris(isopropenoxy)silane, (N,N-Dimethyl-3-aminopropyl) silane, gamma-glycidoxy-propyltrimethoxysilane, polydimethylsiloxane and N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane.

6. The composition according to claim 1, wherein the adhesion promoter is organoaminosilane.
7. The composition according to claim 1, wherein the tackifier is chosen from the group consisting of organic monomers, oligomers and polymers of hydrogenated C5 and C9 resins, C5 hydrogenated resins, polyterpene resins, pentaerythritol esters of hydrogenated wood resins, phenolic polyterpene resins, alpha pinene resins, dipentene resins, hydrogenated C5 esters, cycloalkene resins, phenol-aldehyde resins, rosin acids and esters, dipentene resins, petroleum hydrocarbon resins and alkyl aromatic hydrocarbon resins.
8. The composition according to claim 1, wherein the tackifier is C5 hydrogenated resins.
9. The composition according to claim 8, wherein the cross linking agent is chosen from the group consisting of divalent metal oxides, divalent salts of organic fatty acids, organic fatty acids, zinc oxide, zinc stearate, stearic acid, zinc octoate, tin octoate and calcium stearate.
10. The composition according to claim 8, wherein the adhesion promoter is chosen from the group consisting of organopolysiloxanes, organosilanes, organoaminosilanes, epoxysilanes, thiosilanes, organosilanols, alkoxysilanes, acetoxysilanes and ketoxysilanes.
11. The composition according to claim 8, wherein the polymeric base material includes compounds chosen from the group consisting of polyisobutylene/polyisoprene copolymer, polyisobutylene polymer and brominated olefin polymer.

12. The composition according to claim 1, further including a filler, molecular sieve and plasticizer.